

Figure 10 shows the aerosol propellant receptacle and stem valve assembly and the stem valve through hole.

Figure 11 shows a cut away view of the apparatus according to the preferred embodiment of the invention before the beverage is filled into the container, the aerosol propellant receptacle is filled with water, and the stem valve attached by a snap to a hole through the container bottom wall.

Figure 12 shows a cut away view of the apparatus according to the preferred embodiment of the invention with beverage filled into the container and surrounding the aerosol propellant receptacle walls, the aerosol propellant receptacle filled with water, and the stem valve attached by a snap to a hole through the container bottom wall.

Figure 13 shows the apparatus with the lid seamed unto the container to seal the beverage product and the aerosol propellant receptacle inside the container.

Figure 14 shows the water in the aerosol propellant receptacle being expelled by the pressure of the liquified dose aerosol propellant.

Figure 15 shows the apparatus being charged with liquified aerosol propellant.

Figure 16 shows the beverage container opening means opened to atmospheric pressure, and the aerosol propellant receptacle valve seat dislodged from the stem valve sealing cone breaking the seal for the liquified gas to escape from the aerosol propellant receptacle. The figure also shows that only the gaseous phase of the gas can escape when the container is opened.

Figure 17 shows a schematic of one embodiment of an assembly process for the apparatus, with water being poured into the aerosol propellant receptacle and the stem valve attached